General Computer Goes to Court

Steve Golson California Extreme July 27, 2024

The obligatory outline slide

A brief history of General Computer Corp. (GCC) 1981–1984

Getting started

Atari

Midway

Warner

Namco I, Namco II, Namco III

Afterword

Q&A

A brief history of General Computer Corp. (GCC) 1981–1984

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MIT 1978

Doug Macrae

KEVIN CURRAN



PINBALL AND VIDEO GAMES AT MIT DORMS

Pioneer Star Castle

Playboy Rip Off

Paragon
Battlezone

Fire One Missile Command

...and more

MARCH 1981

GENERAL COMPUTER CORP.

SUPER MISSILE ATTACK

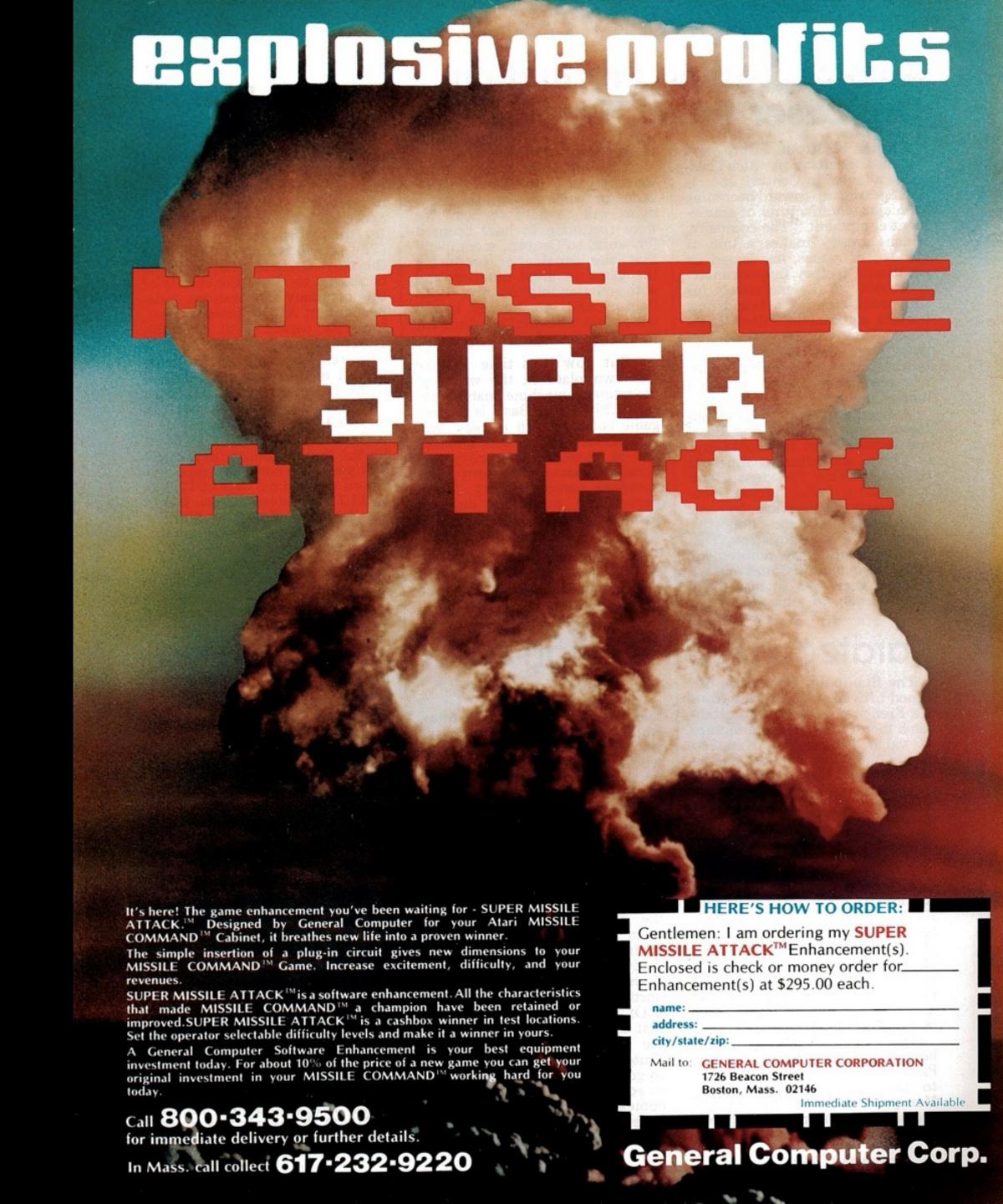
enhancement kit
for Atari Missile Command

developed March-May 1981

first sale May 1981

units sold ~1,000

profit ~\$250,000



July:

Atari sues GCC for \$15M

October:

Atari drops lawsuit

October:

sign Atari development agreement



Customer plays Atari game.

New game plan lands 2 in \$10m court case

By Ronald Rosenberg Globe Staff

When Atari's coin-operated video game Missile Command gets dull, arcade operators can breathe new life into it just by sliding in a printed circuit board.

Instead of scrapping the game and buying a different machine, which costs \$2500, General Computer Corp. of Wayland will retrofit it for \$295 with a board that contains the software for a new game that provides more play objects and a greater degree of difficulty to challenge customers anew.

But inexpensively tweaking Missile Command (there are more than 10,000 already installed) for greater play value does not sit well with the joint chiefs at Atari, a wholly owned subsidiary of Warner Communications Corp.

So they have fired off a \$10 million lawsuit against Kevin Curran and Douglas Macrae, who last month founded General Computer, claiming they have violated Atari's copyrights and trademarks.

The suit, filed yesterday in US District Court, Boston seeks to stop the small company from manufacturing and selling the single board. The Sunnyvale game firm also wants \$5 million each in punitive damages from Macrae and Curran along with all profits from the addin board.

for bot Em

"They (the General Computer game enhancment) appear to our customers and to the public as Atari products, creating confusion and siphoning off legitimate returns from our investment in research and development," said Frank A. Ballouz, Atari's vice-president of marketing for the coinoperated video-game division in a prepared statement.

Curran claims the enhancement, the company's first product, has been originally engineered. It went on sale in early June.

"We have tried to avoid all legal difficulties," he said yesterday. "We have not copied or infringed on their software and we will respond to their suit."

Boston Globe, July 31, 1981

CRAZY OTTO

enhancement kit for Midway Pac-Man

developed June-October 1981

October:

give demo to Midway

October: sign Midway license agreement



NAME AND CHARACTER CHANGES

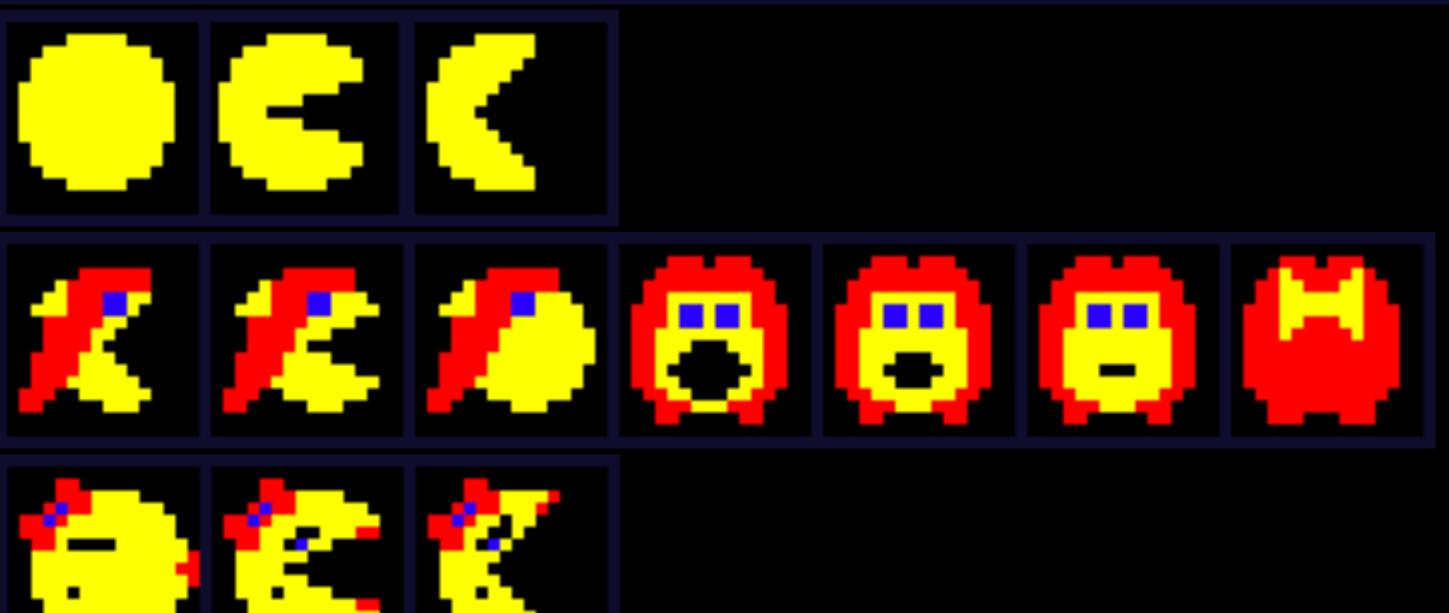
Crazy Otto



Super Pac-Man

Miss Pac-Man Pac-Woman

Ms Pac-Man



CRAZY OTTO -> MS PAC-MAN



1982 sales: ~114,000 arcade cabinets

Total revenue ~\$250M

Largest build of any US arcade game, ever

ARCADE GAMES DEVELOPED BY GCC

Ms. Pac-Man – Midway

Food Fight – Atari

Quantum – Atari

Jr. Pac-Man – Midway

Nightmare – Atari

HOME CONSOLE TITLES DEVELOPED BY GCC

Atari 2600, 5200 & 7800 Consoles, Atari 400/800 Computers

Desert Falcon

Asteroids	Dig Dug	Kangaroo	Qix
Atari Video Cube	Food Fight	Millipede	RealSports Tennis
Ballblazer	Galaga	Moon Patrol	Rescue on Fractalus
Battlezone	Galaxian	Ms. Pac-Man	Robotron 2084
Berzerk	Joust	Phoenix	Track & Field
Centipede	Jr. Pac-Man	Pole Position	Vanguard
Combat II	Jungle Hunt	Pole Position II	Xevious

ATARI 7800 PROSYSTEM

Next generation home console introduced May 1984

GCC did all the development for this system

- Hardware design, including Maria custom graphics chip
- Fourteen game titles available at launch
- High score cartridge
- New hand controllers
- Home computer keyboard and software
- Authentication/security scheme

GENERAL COMPUTER 1981–1984

Products
designed by GCC
had total sales
of about
\$750M



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Q&A

1726 BEACON STREET BROOKLINE, MASS.

- Larry Dennison
- Doug Macrae
- Kevin Curran
- John "JT" Tylko
- Steve Golson



DUE DILIGENCE

Early March 1981

- Kevin visits MIT patent counsel
- Kevin calls speedup kit manufacturers
- Kevin calls Midway
- Kevin calls Atari legal

GENERAL COMPUTER CORPORATION

The Commonwealth of Massachusetts

OFFICE OF THE MASSACHUSETTS SECRETARY OF STATE.

MICHAEL JOSEPH CONNOLLY, Secretary

ONE ASHBURTON PLACE, BOSTON, MASS. 02108

ARTICLES OF ORGANIZATION'

(Under G.L. Ch. 156B) Incorporators

POST OFFICE ADDRESS.

ase of natural persons; in case of a corporation, give state of incorporation.

Richard A. Goren

60 State Street, Boston, Massachuset

The above-named incorporator(s) do hereby associate (themselves) with the intention of forming a corporation under the provisions of General Laws, Chapter 156B and hereby state(s):

1. The name by which the corporation shall be known is

2. The purpose for which the corporation is formed is as follows

To develop, invent and commercially exploit new computer products and software applications.

To manufacture and assemble computers and newly developed hardware.

To enter into any partnerghip, limited or general, as limited or general partner, or both, and to enter into any other arrangement for sharing profits, union of interest, unitization or farmout agreement, reciprocal concession, or cooperation, with any corporation, association, partnership, syndicate, entity, person, or governmental, municipal or public authority, domestic or foreign, authorized to carry on, or any business or transaction deemed necessary, convenient, or incidental to carrying out any of the purposes of this Corporation.

To do any act and carry on any bustness permitted by the laws of Massachusetts to a corporation organized under Chapter 156B of the General Laws of the Commonwealth.

GENERAL COMPUTER CORPORATION March 30, 1981

167917

PFC THE COMMONWEALTH OF MASSACHUSETTS

MAR 271981

ARTICLES OF ORGANIZATION

SECRETATION OF STATE GENERAL LAWS, CHAPTER 156B, SECTION 12

I hereby certify that, upon an examination of the within-written articles of organization, duly submitted to me, it appears that the provisions of the General Laws relative to the organization of corporations have been complied with, and I hereby approve said articles; and the filing fee in the amount of \$ / 25 having been paid, said articles are deemed to have been filed with me this 30 24 day of 724 19 8

Effective date

MICHAEL JOSEPH CONNOLLY

Secretary of State

GENERAL COMPUTER CORPORATION March 30, 1981

- 9. The following information shall not for any purpose be treated as a permanent part of the Articles of Organization of the corporation.
 - a. The post office address of the initial principal office of the corporation of Massachusetts is:

c/o Curran, 1726 Beacon Street, Brookline, Massachusetts 02146

b. The name, residence, and post office address of each of the initial directors and following officers of the corporation are as follows:

NAME

PESIDENCE

POST OFFICE ADDRESS

President	Kevin Curran	1726 Beacon Street Brookline, MA 02146	Brookline, MA 02146
V. President	Douglas Macrae	1726 Beacon Street	1726 Beacon Street
Treasurer:	Douglas Macrae	Brookline, MA 02146 1726 Beacon Street	Brookline, MA 02146 1726 Beacon Street
		Brookline, MA 02146	Brookline, MA 02146
Clerk:	Christian Rode		450 Memorial Drive Cambridge, MA 02139
Directors:	Kevin Curran	1726 Beacon Street. Brookline, MA 02146	1726 Beacon Street Brookline, MA 02146.
.· .·			1726 Beacon Street Brookline, MA 02146
	Christian Rode		450 Memorial Drive Cambridge, MA 02139

c. The date initially adopted on which the corporation's fiscal year ends is:

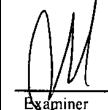
February 28

d. The date initially fixed in the by-L. of for the annual meeting of stockholders of the corporation is:

Second Tuesday in April

VIDCOMP SYSTEMS, INC.

100M-C.D.ARO-3 (Rev. 12-80) 160411



The Commonwealth of Massachusetts

OFFICE OF THE MASSACHUSETTS SECRETARY OF STATE

MICHAEL JOSEPH CONNOLLY, Secretary

ONE ASHBURTON PLACE, BOSTON, MASS. 02108

ARTICLES OF ORGANIZATION

(Under G.L. Ch. 156B)
Incorporators

NAME

POST OFFICE ADDRESS

Include given name in full in case of natural persons; in case of a corporation, give state of incorporation.

Richard A. Goren

60 State Street, Boston, Massachusetts

The above-named incorporator(s) do hereby associate (themselves) with the intention of forming a corporation under the provisions of General Laws, Chapter 156B and hereby state(s):

1. The name by which the corporation shall be known is:

VIDCOMP SYSTEMS, INC.

2. The purpose for which the corporation is formed is as follows:

To enter into any partnership, limited or general, as limited or general partner, or both, and to enter into any other arrangement for sharing profits, union of interest, unitization or farmout agreement, reciprocal concession, or cooperation, with any corporation, association, partnership, syndicate, entity, person, or governmental, municipal, or public authority, domestic or foreign, authorized to carry on, or any business or transaction deemed necessary, convenient, or incidental to carrying out any of the purposes of this Corporation.

To do any act and carry on any business permitted by the laws of Massachusetts to a corporation organized under Chapter 156B of the General Laws of the Commonwealth.

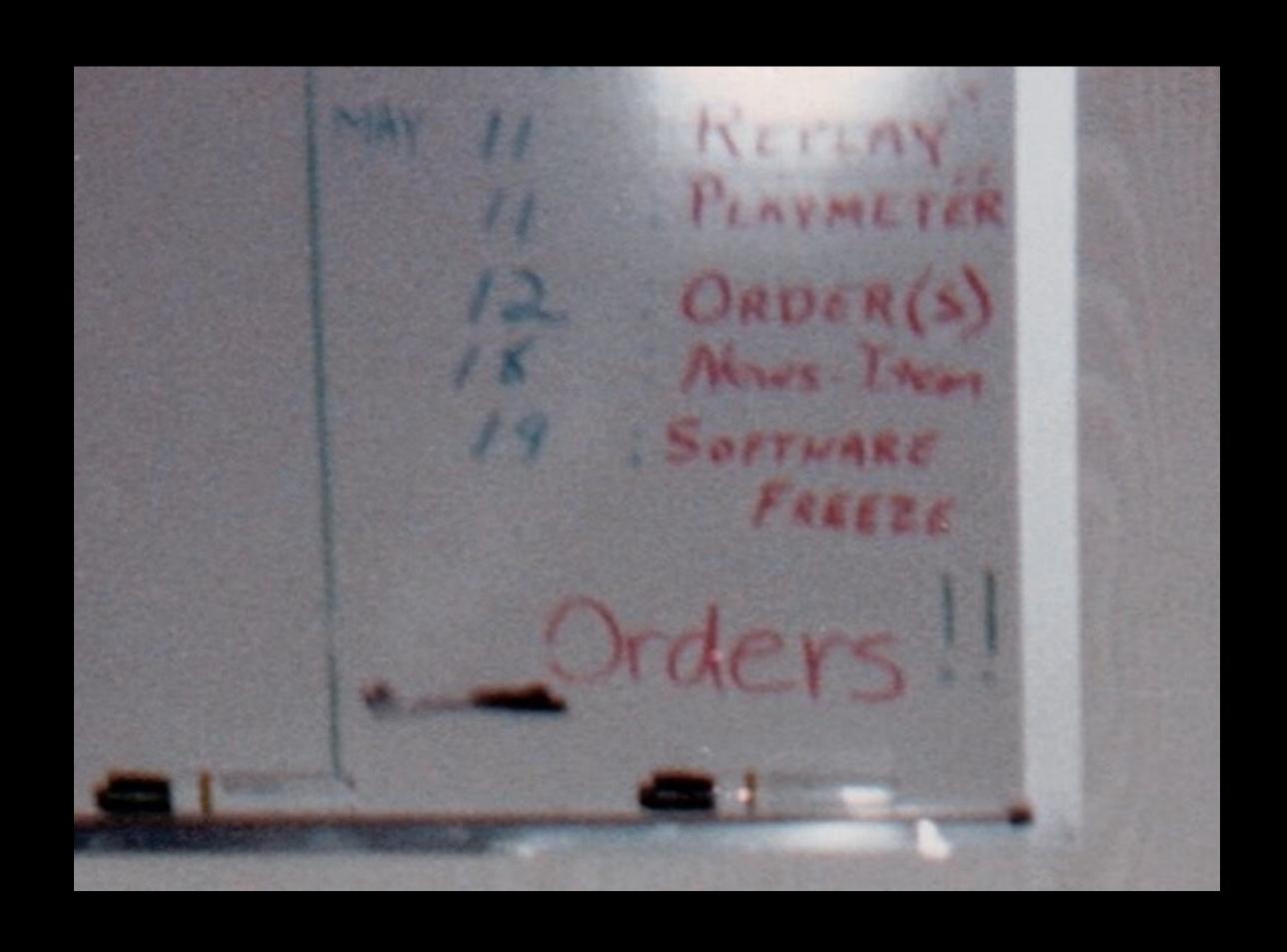








SCHEDULING



JT INVESTS IN GCC

SUPER MISSILE ATTACK

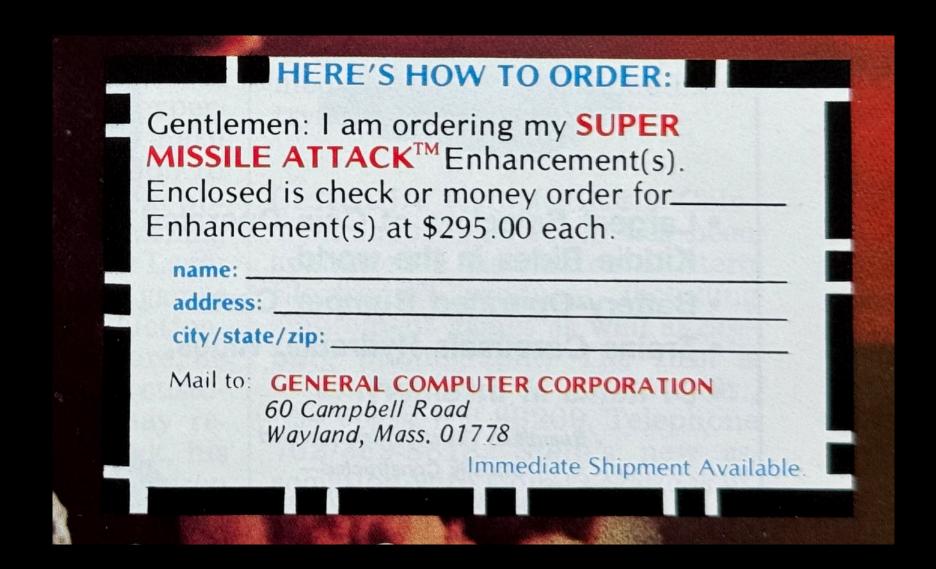


antlan	on: Lam ordering my SLIDED
	nen: I am ordering my SUPER E ATTACK™ Enhancement(s).
	d is check or money order for
nhance	ement(s) at \$295.00 each.
n 2 m 0 !	
name	
address	
	te/zip:
address city/sta	de/zip: GENERAL COMPUTER CORPORATION
address city/sta	GENERAL COMPUTER CORPORATION 1726 Beacon Street
address city/sta	de/zip: GENERAL COMPUTER CORPORATION



EARLY JUNE 1981

- Doug gets married, moves to Wellesley
- Kevin, Steve, JT, Larry move to Wayland
- GCC moves to Wayland





INTERLOGIC, INC.

Telex: 724389

Phone: (312) 671 0305

INTERLOGIC, INC.

JOSEPH M. RITT

9806 W. FARRAGUT AVE, ROSEMONT, ILL. 60018

Telex: 724389

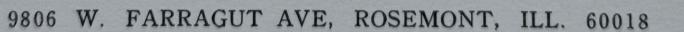
Phone: (312) 671 0305

Home: (312) 432 6002

INTERLOGIC, INC.

BEN HAR-EL

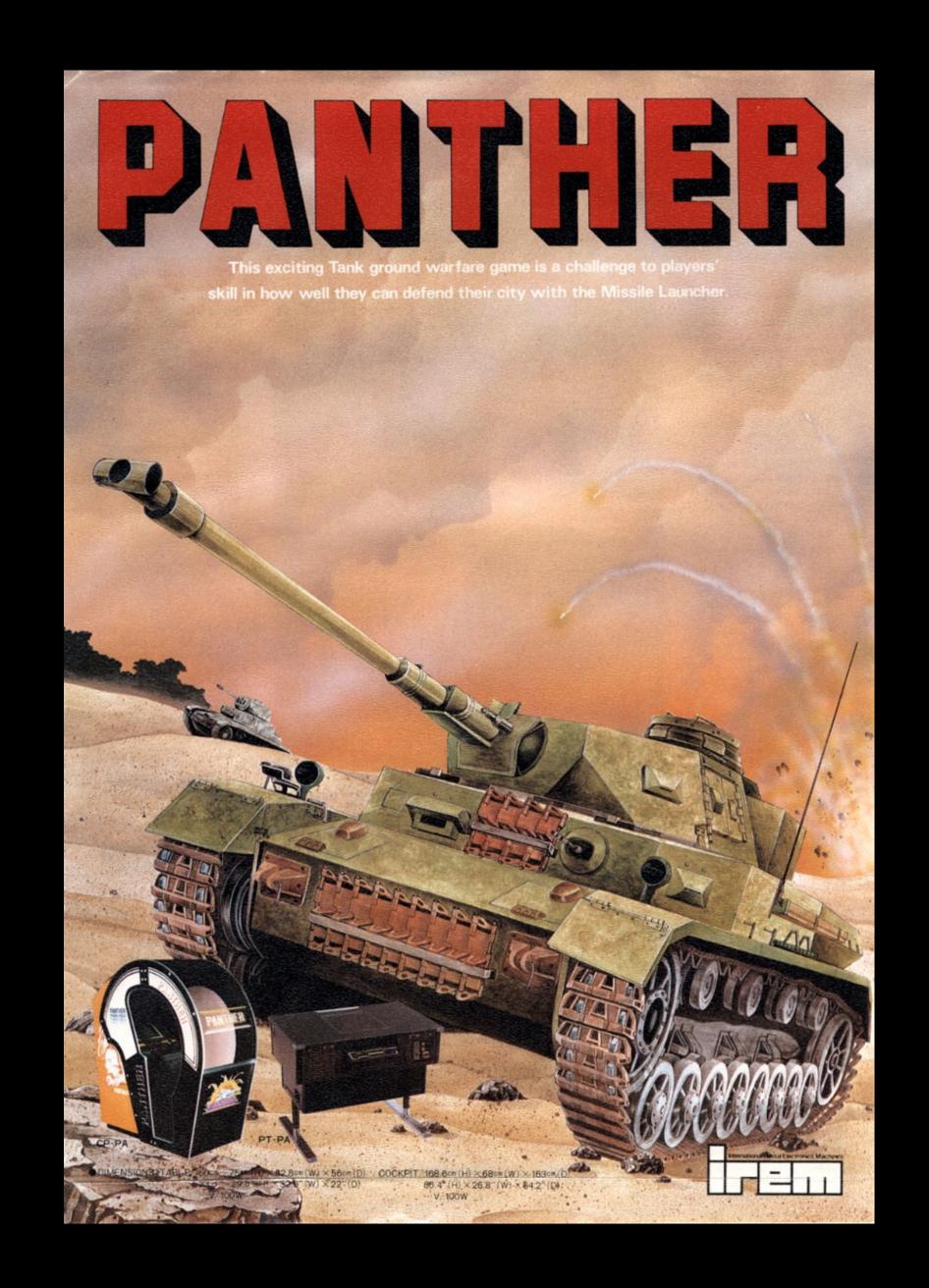
President



PANTHER

Game polishing for Interlogic



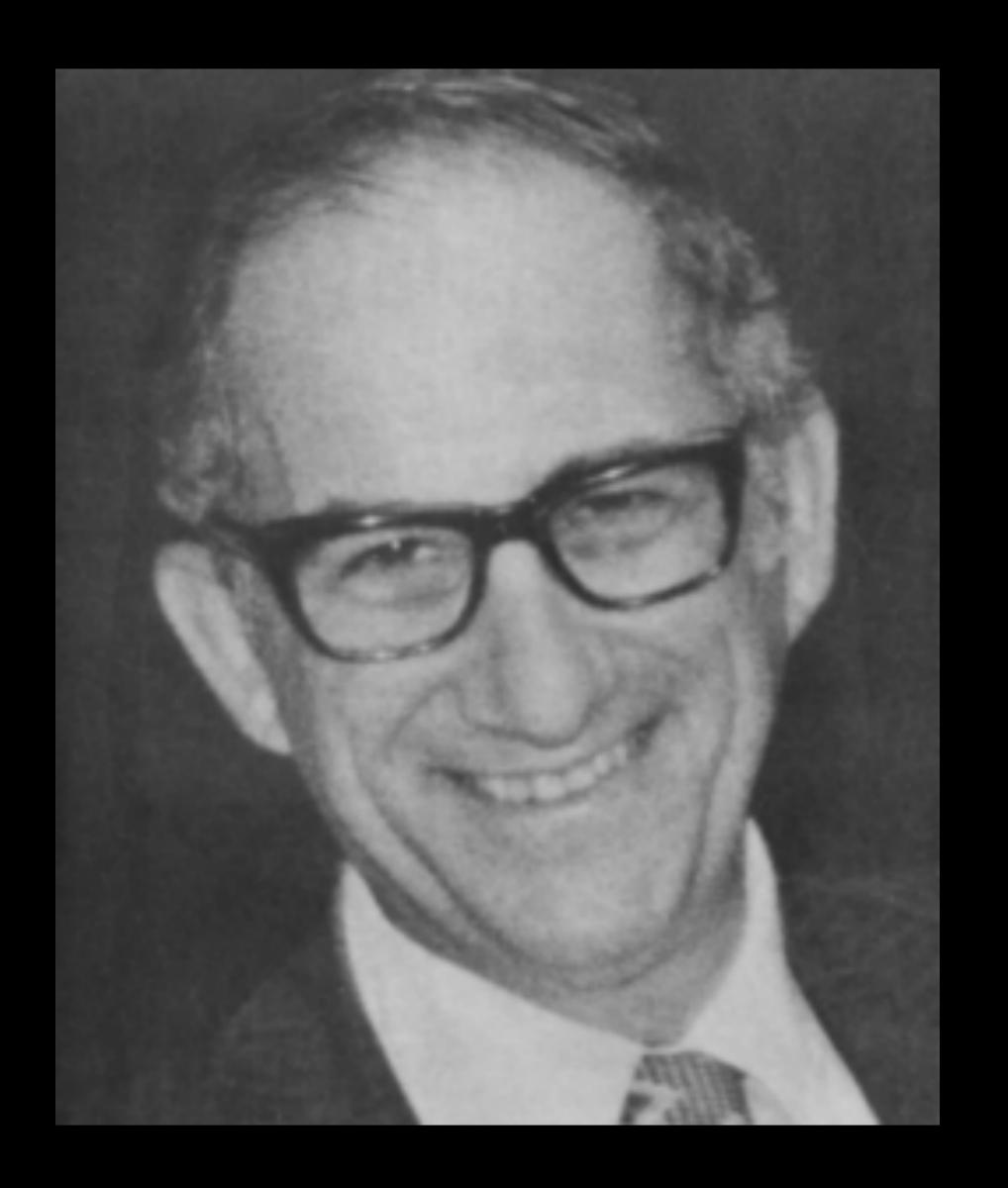




MARSHALL KARAS GOTTLIEB

MILTON KAUFMAN CENTURI

JOE ROBBINS



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Midway

Warner

Namco I, Namco II, Namco III

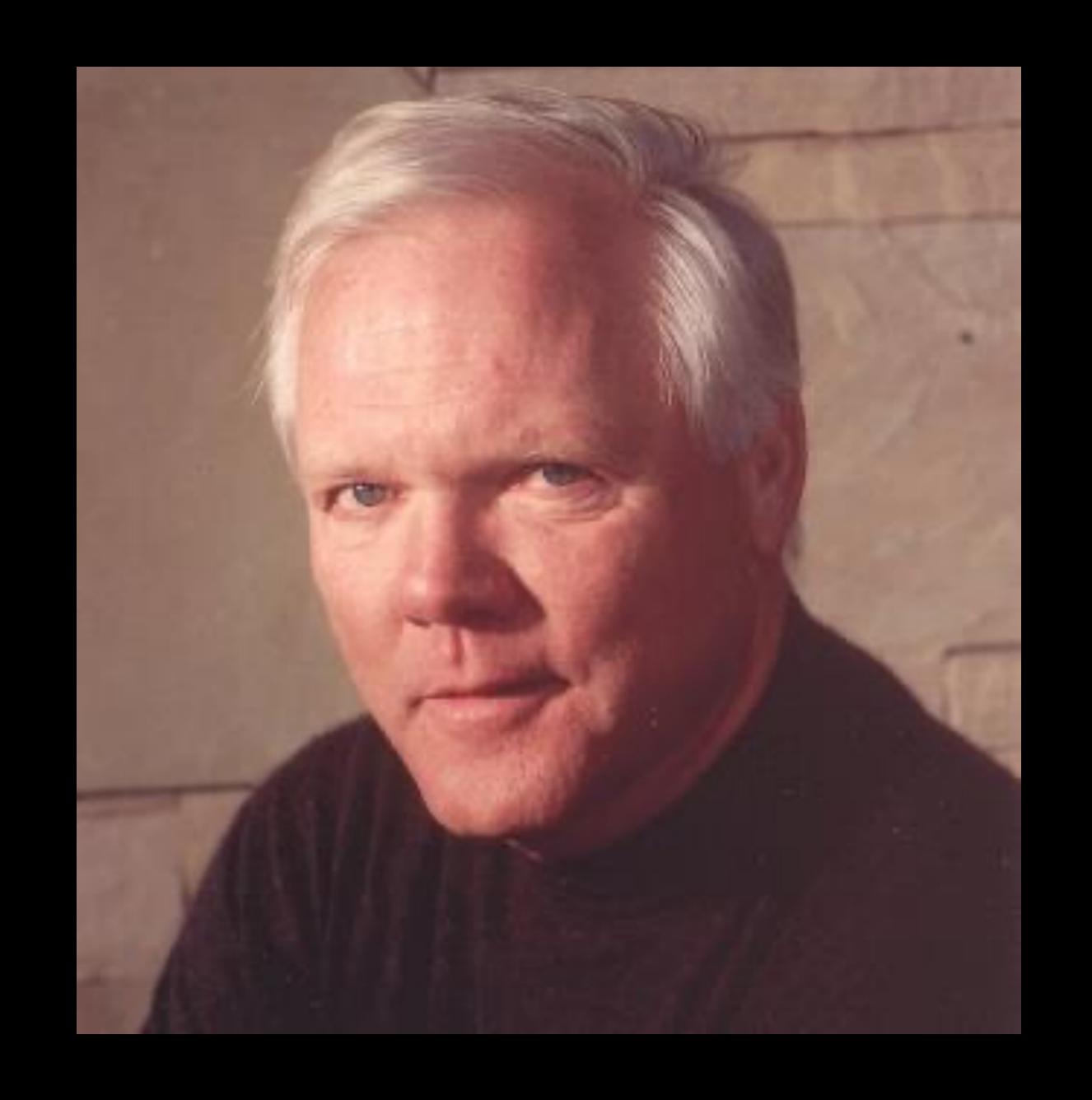
Afterword

Q&A

JULY 6, 1981

ATARI ATTORNEY PAUL LAVERONI CALLS KEVIN

GERALD D. HOSIER

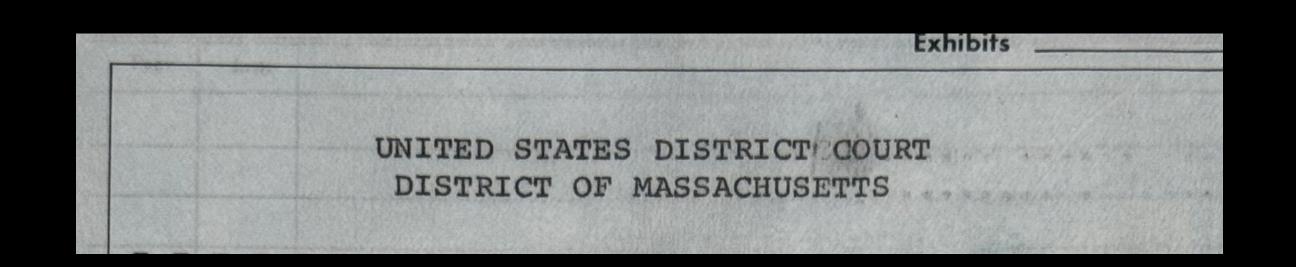


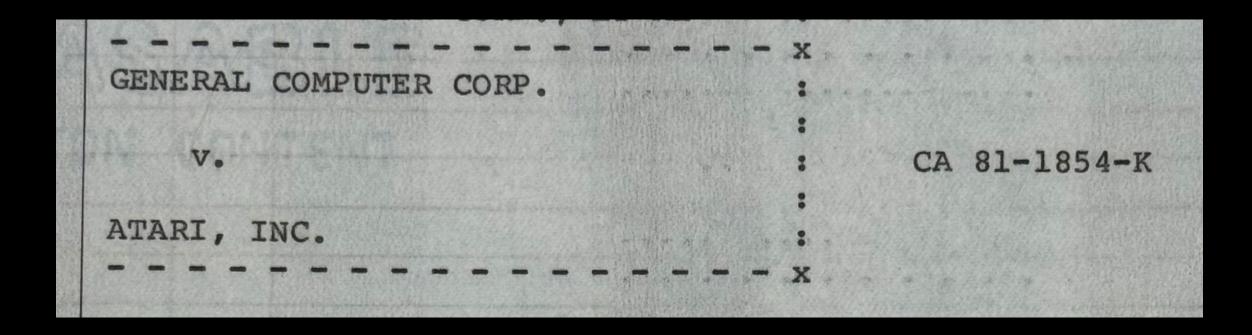
JULY 20, 1981

JERRY HOSIER CALLS PAUL LAVERONI

GENERAL COMPUTER V. ATARI

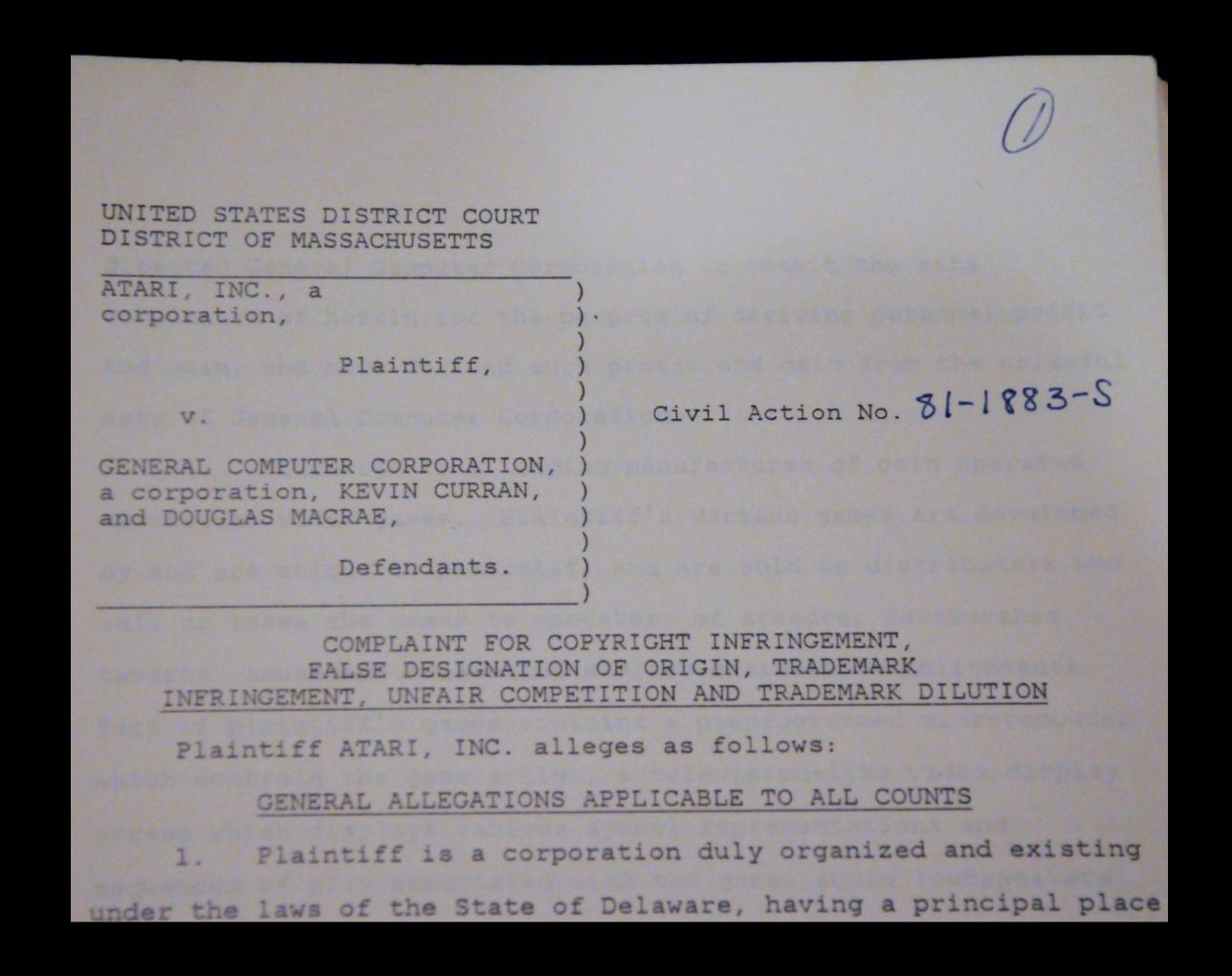
asking for declaratory judgment that Super Missile Attack does not infringe on Atari rights





Atari
V.
General Computer,
Kevin Curran,
Douglas Macrae

\$5M from GCC\$5M from Curran\$5M from Macrae



TRO HEARING Friday, July 31, 1981

x
: CA 81-1883-S
: x x
: CA 81-1854-K
: x
ING
E. KEETON, U.S.D.J.
Courtroom 11
United States Courthouse Boston, Massachusetts 02109

Friday, July 31, 1981

TRO HEARING

Friday, July 31, 1981

- Three hours in court on Friday afternoon
- Judge Keeton decides in Atari's favor and issues temporary restraining order
- Now, how much of a bond must Atari post?
 - GCC asks for one million dollars
 - Atari offers \$10,000
 - Court decides \$25,000

```
THE COURT: Do you wish to be heard on
the size of the bond?

MR. LAVERONI: Yes, your Honor. We are
talking about a device that sells for $300. We
are talking about a company that is located at 60
Campbell Road in Wayland, Massachusetts. They are
a basement company exactly. We are talking about
a plaintiff that certainly has the resources to
```

TRO HEARING

Friday, July 31, 1981

- This TRO only applies to the current version of SMA!
- What if we create a new version that addresses Atari's complaints?
- Must give Atari one week notice...
 when does the clock start running?

(Recess taken) . with full particulars of THE COURT: The text of the restraining order is in the following terms. First, enjoined 10 from publishing, selling, marketing, distributing, 11 advertising or otherwise disposing of any Super Missile Attack conversion kits as described of 12 13 record in this case and, second, from publishing, 14 selling, marketing, distributing, advertising or 15 otherwise disposing of any modification of Super Missile Attack conversion kits without having 16 17 given plaintiff at least one week's advance notice of their intent to do so, together with full and 18 accurate information about the proposed 19 modification and its operation. 20 I have entered that order and copies may be handed to counsel now. I will also state of record some findings on which it is made. Now I will give you a moment, if you wish, to read the order before I state the additional findings.

TRO HEARING Friday, July 31, 1981

23	MR. RUDMAN: Let me tell you why I don't
24	think my dilemma is hypothetical.
25	THE COURT: I understand it. I think you
1	are right. Rullman all right.
2	MR. RUDMAN: During the break counsel
3	said to me, "Monday morning we are going to have a
4	new device at your office."
5	THE COURT: I understand. I expect in
6	light of the hearing today that the description of
7	that new device to me should not take very long
8	and that I will not have to hear a lot of argument
9	before I decide whether I should enter the same
10	order with respect to that device as I have
11	entered with respect to the present one pending
12	the hearing on preliminary injunction. But I
13	simply do not think it wise for me to try to
14	address that hypothetically.
15	papers anmr. RUDMAN: All right

DEPOSITIONS

The week after the TRO hearing

- Wednesday, August 5: Doug Macrae
- Thursday, August 6: Doug Macrae
- Thursday, August 6: Kevin Curran
- Friday, August 7: Kevin Curran

UNITED STATES DISTRICT COURT DISTRICT OF MASSACHUSETTS

ATARI, INC.,

Plaintiff

VS.

GENERAL COMPUTER CORPORATION, KEVIN CURRAN AND DOUGLAS MACRAE, Defendants Civil Action No. 81-1883-K

DEPOSITION OF DOUGLAS MACRAE, taken on behalf of the Plaintiff pursuant to the federal rules of Civil Procedure, before Linda J. Modano, a Certified Shorthand Reporter And Notary Public in and for the Commonwealth of Massachusetts, at the Offices of Hale & Dorr, 60 State Street, Boston, Massachusetts, on Wednesday, August 5, 1981, commencing at 10:05 a.m.

APPEARANCES:

Paul J. Laveroni and David P. Hodges, Esqs., of Cooley, Godward, Castro, Huddleson & Tatum, One Maritime Plaza, 20th Floor, San Francisco, California, on behalf of the Plaintiff.

Gerald D. Hosier, Esq., of Hosier, Niro & Daleiden, Ltd., 135 South LaSalle Street, Chicago, Illinois, on behalf of the Defendants.

DEPOSITIONS

Friday, August 7: Kevin Curran

 Super Missile Attack version 2.0 arrives!

```
MBN2716

MBN
```

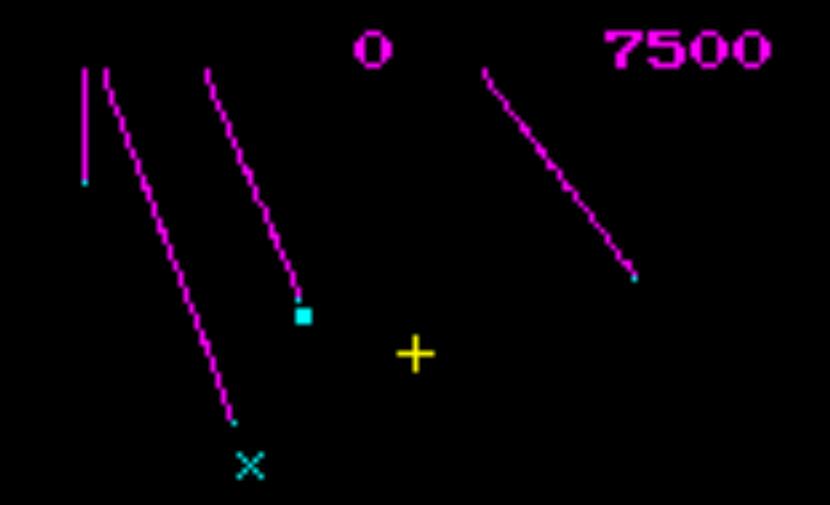
```
looking, since we started this session there are
two other individuals that have been in the room,
and perhaps counsel can identify them for the
record. you can review after areas?

If you MR. HOSIER: Mr. Steve Golson and
If believe the witness's brother whose first name
If don't recall hat they or may not be a video

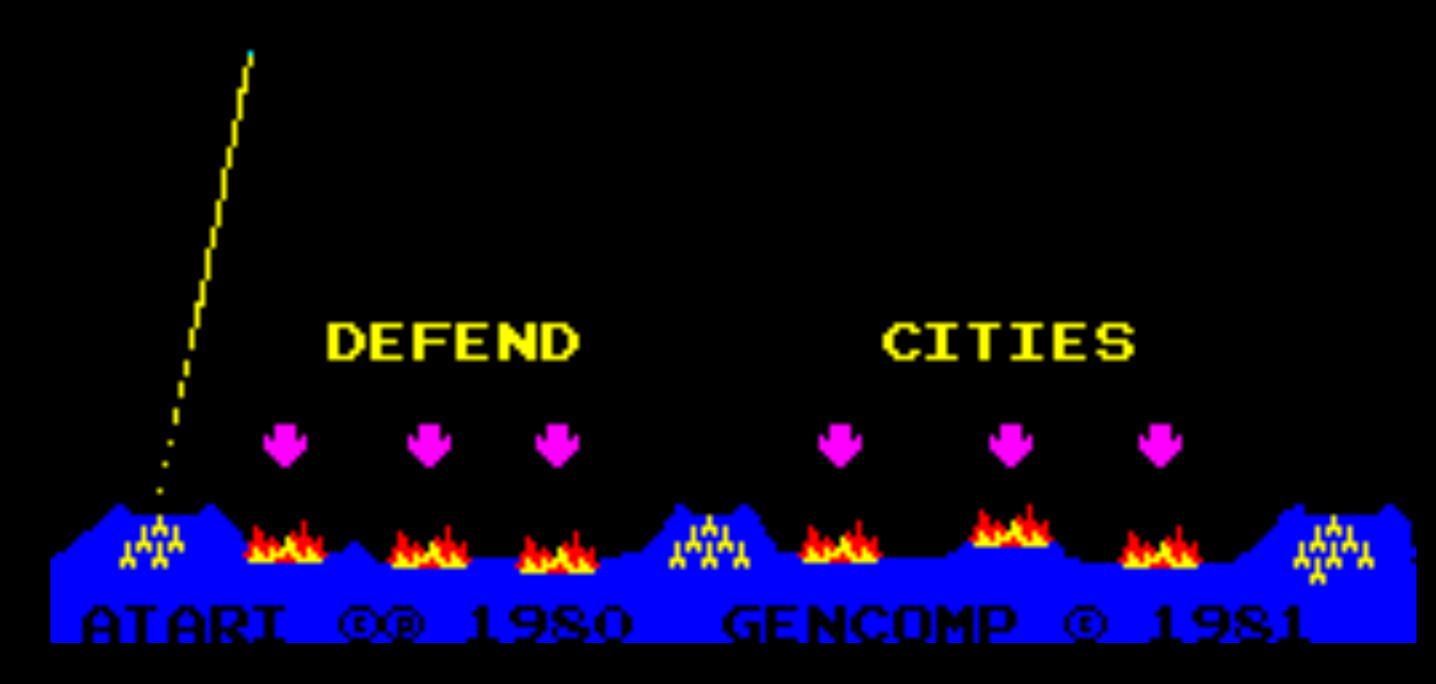
JERRY CURRAN: Jerry.

They assisted with the video game being installed
```

```
should reflect the fact, Mr. Laveroni, that we did bring physically into the room today a missile Command game that is owned by General Computer, and we have equipped it with the version 2 and have allowed -- bring which we'll be calling model 3.d models and the kit.
```



COPYRIGHT NOTICE



HIGH SCORE TABLE

XMI: XMI Industries

DBM: Doug Macrae

SEG: Steve Golson

LRD: Larry Dennison

JT: John Tylko

KGC: Kevin Curran

CSR: Chris Rode

GCC: General Computer Corp



BONUS CITY EVERY 10000 POINTS



SUPER MISSILE ATTACK Version 2.0

- new graphics on cabinet
- new graphics on plexi
- new graphics on control panel
- new font
- new characters
- new sounds
- no Atari anywhere



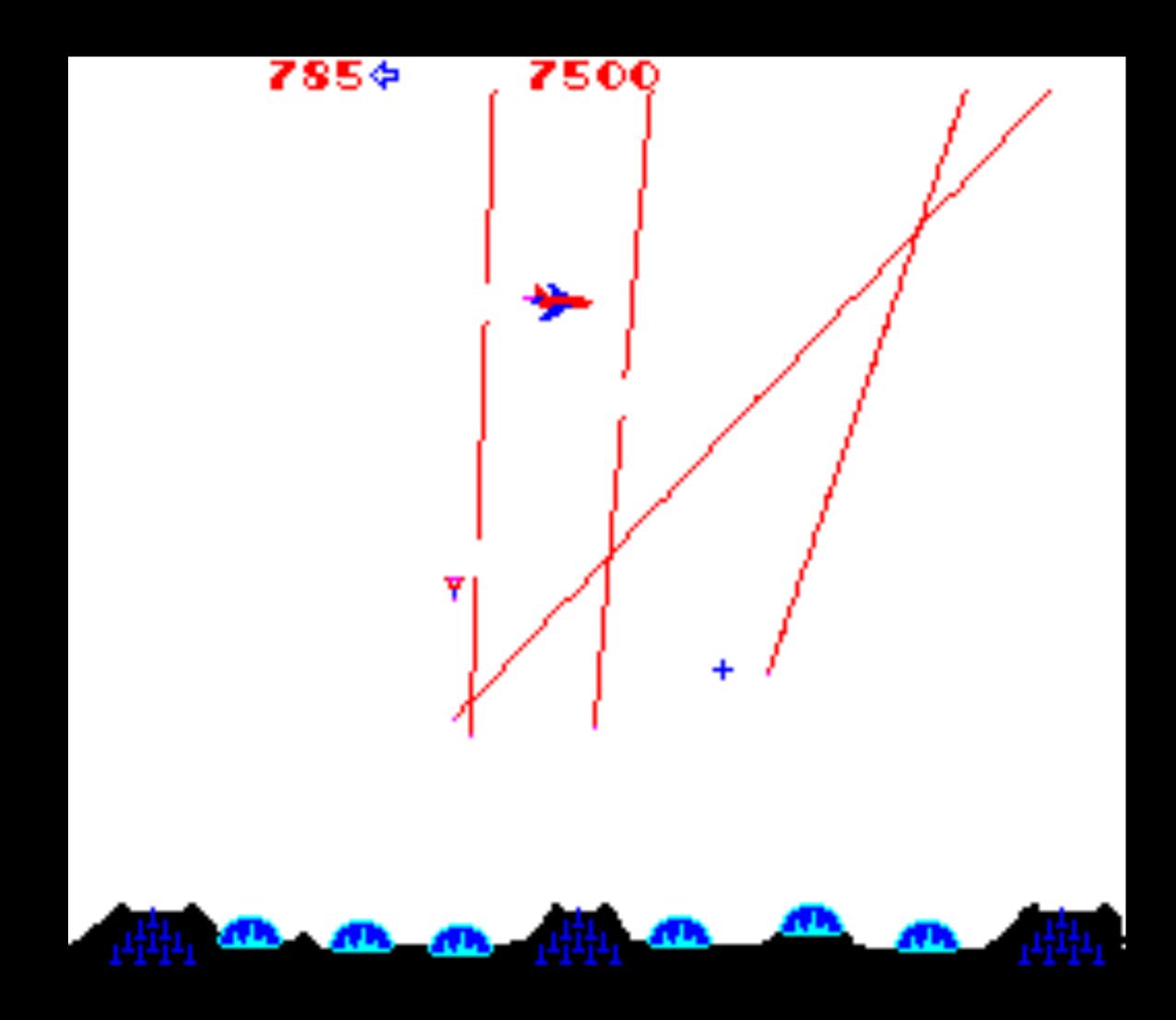
SUPER MISSILE ATTACK

Version 2.0

SUPER MISSILE ATTACK Version 2.0



SUPER MISSILE ATTACK Version 2.0



SUPER MISSILE ATTACK

Version 2.0

TRADEMARK INFRINGEMENT?



TRADEMARK INFRINGEMENT?



PATENT INFRINGEMENT?



This product may be covered by one or more of the following U.S. patents, plus additional ones currently pending or issued:

				Service Control
3,723,652	4,054,919	4,099,719	4,130,830	4,152,671
3,728,480	4,071,697	4,102,532	4,133,530	4,164,759
3,793,483	4,075,621	4,104,625	4,139,863	4,165,072
3,900,886	4,081,829	4,112,422	4,139,968	4,167,019
4,016,362	4,084,194	4,116,444	4,142,722	4,169,272
4,017,642	4,091,234	4,124,787	4,148,485	4,174,836
4,045,789	4,099,092	4,129,883	4,149,027	7,000
一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一				

FOR INDOOR USE ONLY USE GROUNDED OUTLET

Made in U.S.A.

035723-01 Rev A

PRELIMINARY INJUNCTION

mid August, 1981

- Judge Keeton issues preliminary injunction in Atari's favor
- GCC prevented from selling any version of Super Missile Attack
- discovery continues...

ATARI BEGINS HAVING SECOND THOUGHTS...

August through September 1981

- Atari is annoyed by all the depositions
- Atari starts to realize they might lose, and this would set a very bad precedent
- Maybe this lawsuit wasn't such a good idea after all
- How can Atari make this dispute go away?

HOSIER TALKS TO SKIP PAUL

SKIP PAUL Charles S. Paul



NEGOTIATIONS BEGIN...

August 1981

SOFTWARE AND HARDWARE DEVELOPMENT AGREEMENT

This Agreement is entered into as of August ___, 1981 between General Computer Corporation, a Massachusetts corporation ("General"), and Atari, Inc., a Delaware corporation ("Atari").

1. Definitions.

- 1.01 "Accepted Product" shall refer to a Developed Product as to which Atari has delivered the notice provided for in subparagraph 2.05 below.
- 1.02 "Atari Field of Use" shall refer to all consumer and commercial applications of software and hardware in connection with consumer electronic games and toys, personal home computers, coin operated video and pinball games or any related accessories.
- 1.03 "Atari Products" shall refer to current and future consumer electronic games and toys, personal home computers and coin-operated video and pinball games, as well as any related accessories, manufactured or distributed by or for Atari.

ATARI AGREEMENT WITH GENERAL COMPUTER October 8, 1981

- Atari drops its suit against GCC with prejudice
- GCC to be paid \$50,000 per month to develop arcade games for Atari
- Two year term
- No commitment, but Atari expects twelve new games
- GCC discontinues sales of Super Missile Attack
- GCC will not market any more enhancement kits

BUT, GCC HAS ANOTHER ENHANCEMENT KIT

We've been working on this all summer, June-September 1981

```
42
      Q. What are the other two products that
      General Computer has worked on other than Super
      Missile Attack kit?
              MR. HOSIER: You may answer in
      general terms.
                  THE WITNESS: We are working on
      one other enhancement product and one video game.
       Q. Is the enhancement product you're
      working on designed to be used with any video
10
      game manufactured by Atari?
11
              MR. HOSIER: You can answer.
       THE WITNESS: No.
          Q. Is that enhancement product designed to
      be used with a video game currently on the
15
      market?
             Yes.
16
```

```
Has the development of that enhancement
      product been undertaken pursuant to agreement
23
       with the manufacturer of the video game with
       which it is designed to be used?
       A. No, it has not been.
          Q. When do you anticipate that product
       being marketed?
       MR. HOSIER: I will advise the
       witness he need not answer that question unless
       you can demonstrate the relevance to me of that
       question in this proceeding. You've already
10
       been advised that it has nothing to do with
11
       Atari. With that, you seem to have gone beyond
12
       the limits of this litigation.
```

ATARI AGREEMENT WITH GENERAL COMPUTER October 8, 1981

- Atari drops its suit against GCC with prejudice
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- Two year term
- No commitment, but Atari expects twelve new games
- GCC discontinues sales of Super Missile Attack
- GCC will not market enhancement kits unless with permission from the manufacturer

LAWYERS, GAMES AND MONEY

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Getting started

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Namco I, Namco II, Namco III

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Q&A

KEVIN CALLS DAVE MAROFSKE PRESIDENT OF MIDWAY

October 12, 1981

Attract Mode

October 12, 1981

Act 1: They Meet

October 12, 1981

Act 2: The Chase

October 12, 1981

Act 3: Junior

MIDWAY AGREEMENT WITH GCC

October 29, 1981

- \$150k up front
- \$45 for sale of each Crazy Otto kit
- \$75 for sale of each new Crazy Otto cabinet
- 40% of merchandising revenue for Crazy Otto character
- payments spread over four years

NAME AND CHARACTER CHANGES

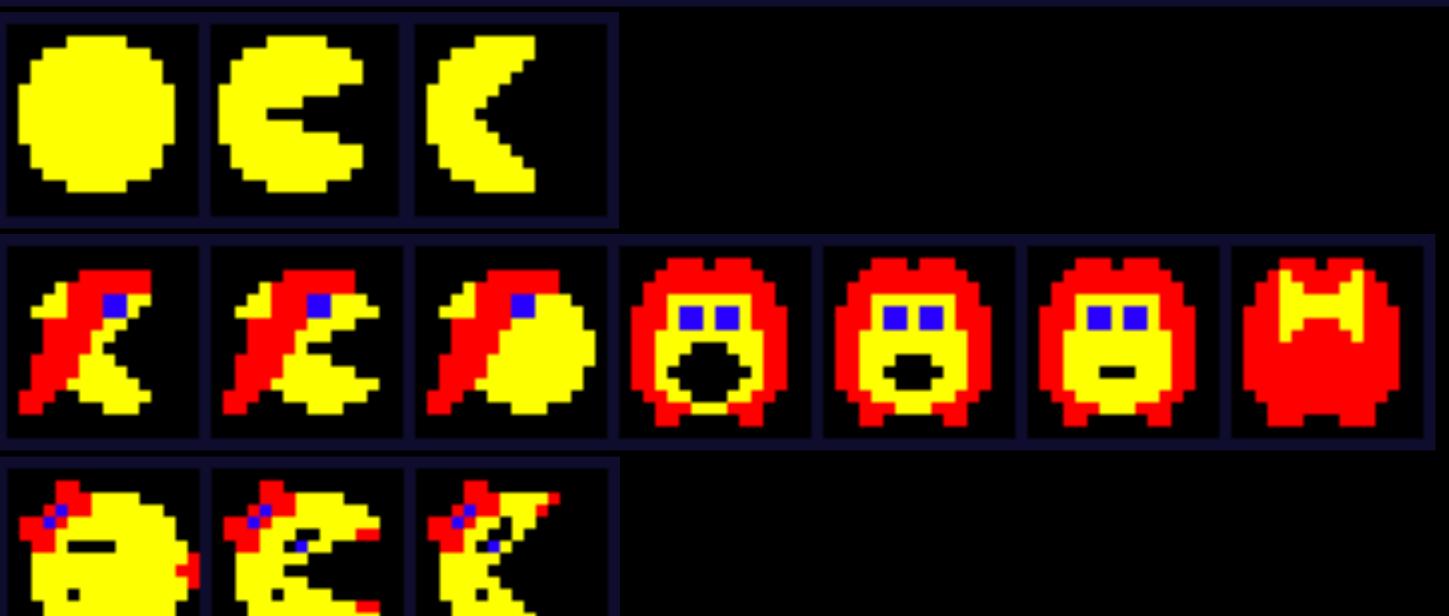
Crazy Otto



Super Pac-Man

Miss Pac-Man Pac-Woman

Ms Pac-Man



Donkey Kong

a brief digression...

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00000ee0: 03dd 9603 d2e9 3eed 4494 daf3 3edd 9609
                                                    ....>.D...>...
                                                    ..>: ` ` < 2 ` ` . . . . . .
00000ef0: d2fa 3e3a 6060 3c32 6060 dd19 10c5 c900
00000f00: 434f 4e47 5241 5455 4c41 5449 4f4e 2021
                                                    CONGRATULATION !
                                                   IF YOU ANALYSE
00000f10: 4946 2059 4f55 2041 4e41 4c59 5345 2020
00000f20: 4449 4646 4943 554c 5420 5448 4953 2020
                                                   DIFFICULT THIS
00000f30: 5052 4f47 5241 4d2c 5745 2057 4f55 4c44
                                                   PROGRAM, WE WOULD
                                                    TEACH YOU.****
00000f40: 2054 4541 4348 2059 4f55 2e2a 2a2a 2a2a
00000f50: 5445 4c2e 544f 4b59 4f2d 4a41 5041 4e20
                                                   TEL.TOKYO-JAPAN
                                                   044(244)2151
00000f60: 3034 3428 3234 3429 3231 3531 2020 2020
00000f70: 4558 5445 4e54 494f 4e20 3330 3420 2020
                                                   EXTENTION 304
                                                   SYSTEM DESIGN
00000f80: 5359 5354 454d 2044 4553 4947 4e20 2020
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                                                   IKEGAMI CO. LIM.
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                                                   ##6.!.t.....
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VERSION NAMCO

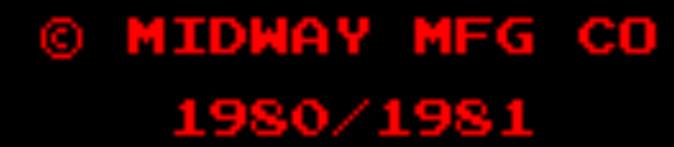
December 18, 1981

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00000750: f30a f400 6564 6588 6788 6163 6485 6485
                                                ....ede.g.acd.d.
00000760: 6a69 6a8c 7593 9091 9091 708a 6871 fff1
                                               jij.u....p.hq...
00000770: 02f2 03f3 0af4 0265 9068 7068 6766 6590
                                                ....e.hphgfe.
                                               apaehf.c...p.
00000780: 6170 6165 6866 9063 9086 9085 9085 7086
                                               he...=.!...!c..
00000790: 6865 ffff bacd 3dba 2104 00e5 2163 04d1
                                               GENERAL COMPUTER
000007a0: 4745 4e45 5241 4c20 434f 4d50 5554 4552
000007b0: 2020 434f 5250 4f52 4154 494f 4e20 2020
                                                 CORPORATION
000007c0: 3231 3520 4649 5253 5420 5354 5245 4554
                                               215 FIRST STREET
000007d0: 4341 4d42 5249 4447 452c 204d 4153 532e
                                               CAMBRIDGE, MASS.
000007f0: 4865 6c6c 6f2c 204e 616b 616d 7572 6121
                                               Hello, Nakamura!
```

"MS PAC-MAN"







Ms. PAC-MAN

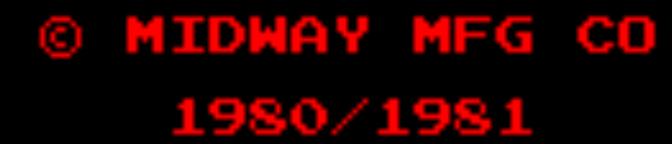
January 1982

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00000770: 71ff f102 f203 f30a f402 6590 6870 6867
                                                  q...e.hphg
00000780: 6665 9061 7061 6568 6690 6390 8690 8590
                                                  fe.apaehf.c....
                                                  .p.he..:.0..(...
00000790: 8570 8668 65ff ff3a 004f fe00 280b 1102
000007a0: 4c21 504f 010c 00ed b03a 094e 2172 4ea6
                                                 L!PO.....N!rN.
000007b0: 280c 3a0a 4cfe 3f20 053e ff32 0a4c 2185
                                                  (.:.L.? .>.2.L!.
000007c0: 96c3 c42c ffff ffff ffff ffff ffff
000007d0: 4745 4e45 5241 4c20 434f 4d50 5554 4552
                                                  GENERAL COMPUTER
000007e0: 2020 434f 5250 4f52 4154 494f 4e20 2020
                                                    CORPORATION
000007f0: 4865 6c6c 6f2c 204e 616b 616d 7572 6121
                                                  Hello, Nakamura!
```

"MS PAC-MAN"







LAWYERS, GAMES AND MONEY

A brief history of General Computer Corp. (GCC) 1981–1984

Getting started

Atari

Midway

Warner

Namco I, Namco II, Namco III

Afterword

Q&A

FEBRUARY 1982

Projects being worked on include:

Fireman music driver

for TI sound chip

Food Fight

character

Molecular Magic

development

(Quantum)

system

All are coin-op projects...

February 3-4

Ray Kassar and Manny Gerard visit GCC

March 4

Manny Gerard and Skip Paul visit GCC

Meanwhile...

what's going on at Atari?

In February 1982, when another group of VCS programmers threatened to leave, Kassar panicked. If they quit, Atari would have had no VCS programmers left. "Kassar was desperate. He was running scared," Kaplan says. He responsed by throwing money at the designers. Salaries were increased and a hastily-created bonus plan was instituted.

"What Went Wrong at Atari" San Jose Mercury News
November 6, 1983

PAC-MAN FOR 2600 April 3, 1982



Early April 1982

Kevin gets a phone call

Spring 1982 Work begins on VCS carts

Combat II Centipede

Phoenix Rubik's Cube

Vanguard Ms. Pac-Man

Galaxian others...

WARNER COMMUNICATIONS: "WE WANT TO BUY YOUR COMPANY"

WARNER COMMUNICATIONS: "WE WANT TO BUY YOUR COMPANY"

KEVIN AND DOUG:
"WE ARE NOT INTERESTED IN SELLING"

WARNER COMMUNICATIONS: "WE WANT TO BUY YOUR COMPANY"

KEVIN AND DOUG: "WE ARE NOT INTERESTED IN SELLING"

"And you know, that \$50k/month isn't looking so attractive, now that we have the Ms. Pac royalty stream coming for four years"

NEGOTIATIONS WITH WARNER COMMUNICATIONS Spring 1982

- A serious contract to replace the original Atari deal
- Massive document 3" thick signed July 30, 1982
 - Joint venture of WCI and General Computer Corporation (Nevada), with General Computer Company (Mass.) as operating entity
 - Kevin & Doug employment agreements
 - Manufacturing & marketing agreement(s) with Atari
 - Licensing agreement
 - Ms. Pac-Man license to Atari

LAWYERS, GAMES AND MONEY

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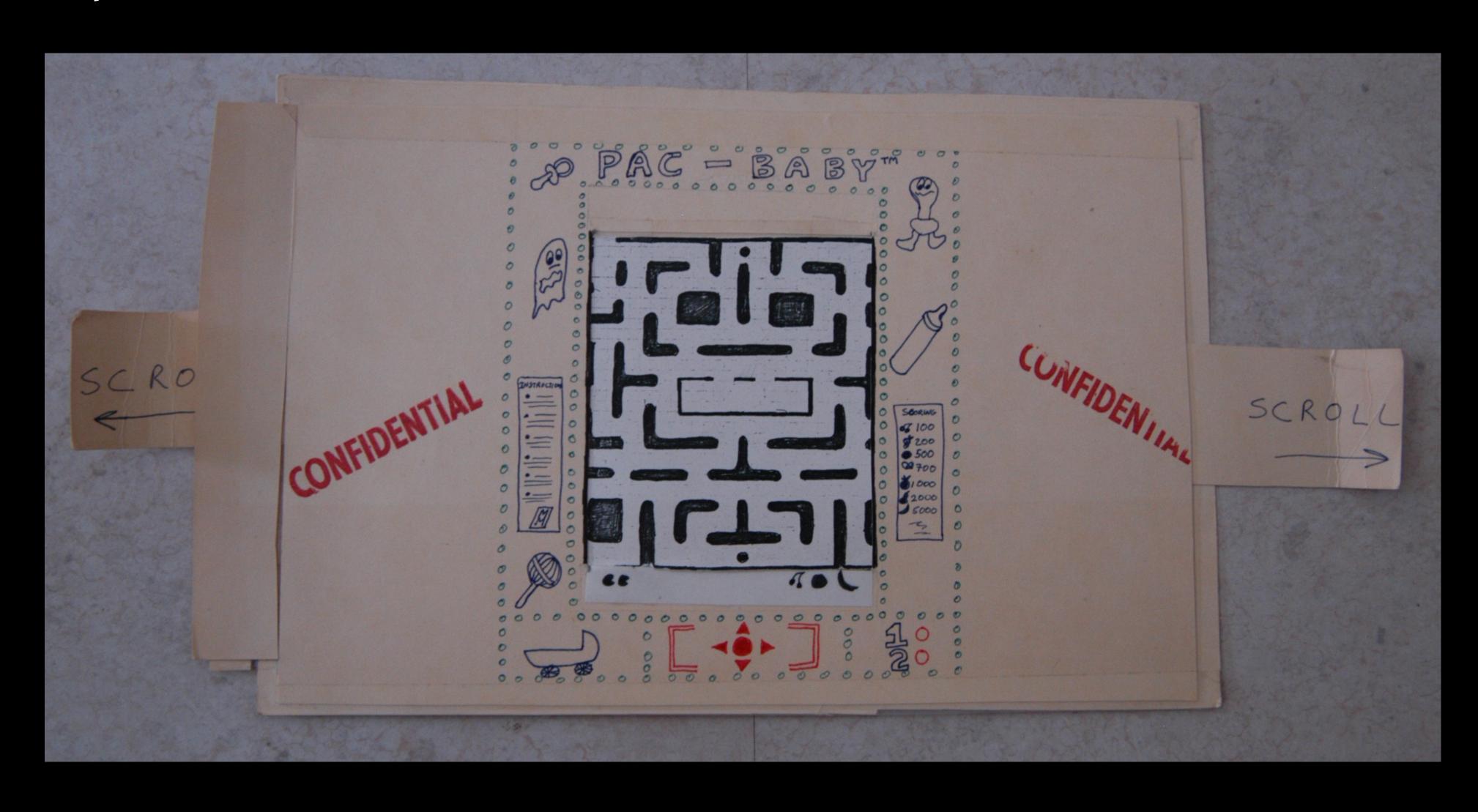
Namco I, Namco II, Namco III

Afterword

Q&A

PAC-BABY ARCADE GAME

Project starts early 1982



MR. & MRS. PAC-MAN April 1982



MR. & MRS. PAC-MAN April 1982



PAC-MAN September 25, 1982



BABY PAC-MAN October 11, 1982



LETTER FROM GCC TO MIDWAY

June 21, 1982

• Letter from Hosier puts Bally Midway on notice of 4 independent grounds for material breach of the October 29, 1981 Game Agreement

- Midway told GCC that it did not feel GCC was entitled to royalties on either the Mr. and Mrs. Pac-Man Pinball Machine or Baby Pac-Man
- GCC objected because both of these games were capitalizing on Ms. Pac-Man and Junior

LETTER FROM GCC TO MIDWAY

late summer 1982

• Letter from Hosier terminating the October 29, 1981 Game Agreement

Bally Midway V. General Computer Corp.

October 27, 1982 US District Court, Chicago

- Midway asks for TRO to "permanently enjoin" GCC from "asserting publicly any right to the Ms. Pac-Man and Baby Pac-Man character" and from "interfering with any license agreement or business transaction between Midway and any other party including any licensee or prospective licensee under any right owned by Midway in the Ms. Pac-Man video game."
- TRO denied

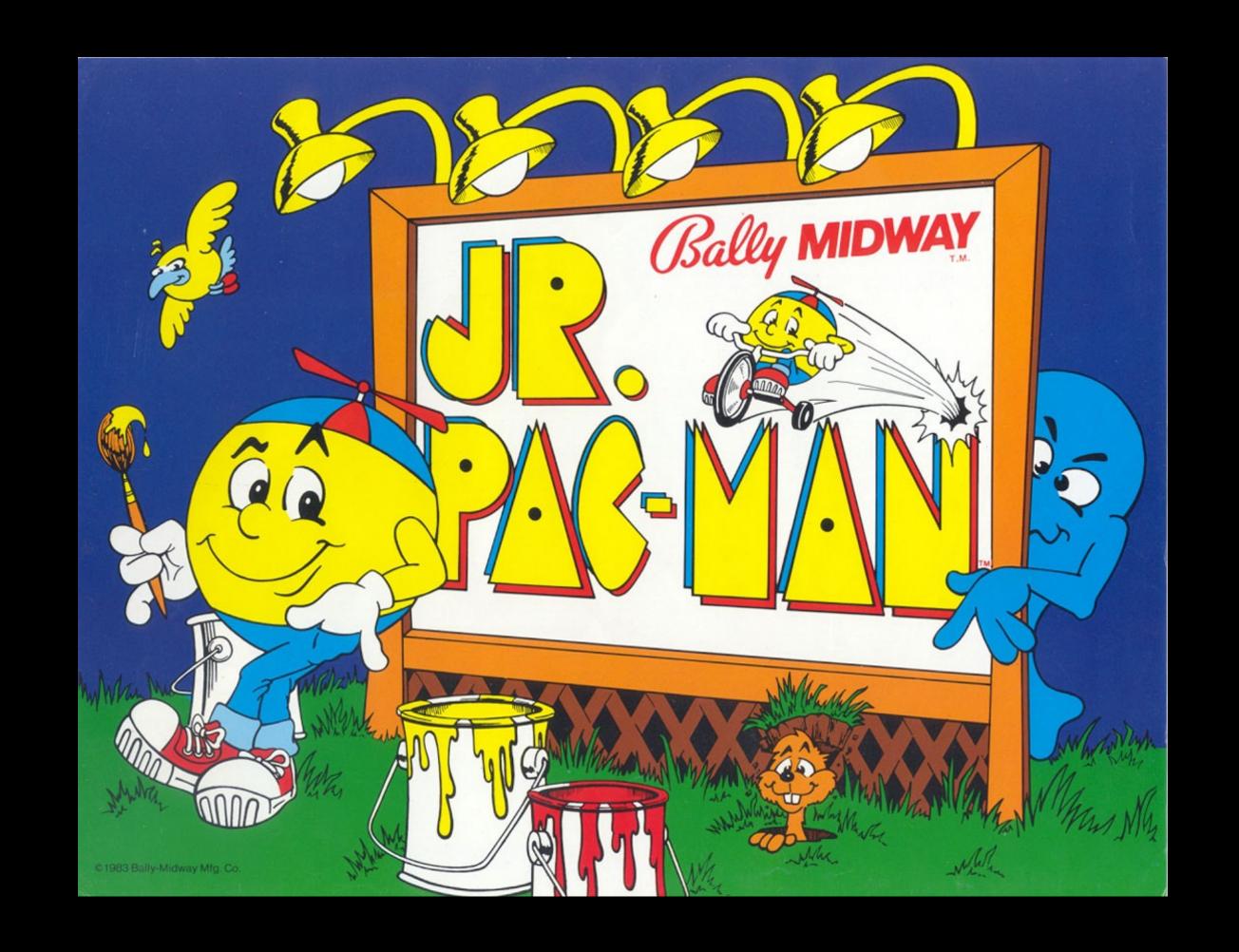
NAMCO SETTLEMENTS

October 1983

- 3-way agreement
 - GCC and Midway
 - Midway and Namco
 - Namco and GCC
- GCC gets higher royalties on arcade Jr. Pac-Man and Ms. Pac-Man 6½%, or \$136.17 per cabinet
- Namco/Midway can use characters royalty-free in arcade games
- GCC gets licensing revenues via complicated formula

JR. PAC-MAN

December 1983



DIGRESSION:

MAGNAVOX/SANDERS V. BALLY MIDWAY

February 13, 1984 August 28, 1984

UNITED STATES DISTRICT COURT NORTHERN DISTRICT OF ILLINOIS EASTERN DIVISION THE MAGNAVOX COMPANY, : Plaintiff, : BALLY MIDWAY MANUFACTURING COMPANY, Defendant. : Civil Action -and-: No. 83C2357 BALLY MIDWAY MANUFACTURING COMPANY, Plaintiff, VS. SANDERS ASSOCIATES, INC., Defendant. DEPOSITION of STEVEN E. GOLSON, a witness called on behalf of the Plaintiff The Magnavox Company, taken pursuant to the Federal Rules of Civil Procedure, before Anne H. Bohan, Registered Professional Reporter and Notary Public in and for the Commonwealth of Massachusetts, at the Offices of Lahive and Cockfield, 60 State Street, Boston, Massachusetts, on Monday, February 13, 1984, commencing at 10:10 a.m. PRESENT:

Neuman, Williams, Anderson & Olson (by James T.

Williams, Esq.), 77 West Washington

Reuben & Proctor (by David W. Maher, Esq.),

Street, Chicago, Illinois 60602; and

60603, for the Plaintiff the Magnavox

Company and Sanders Associates, Inc.

19 South LaSalle Street, Chicago, Illinois

(Over)

1984 AT GENERAL COMPUTER

An eventful year

- February Apple introduces Macintosh
- May Atari 7800 ProSystem announced, great press coverage
- spring work begins on HyperDrive and other Mac products
- July Warner sells Atari to Jack Tramiel
- July GCC negotiates with Jack
- late summer video game work ends
- October major layoffs at GCC

GCC TECHNOLOGIES 1984-2015

- HyperDrive
 - first internal hard disk for Apple Macintosh computer
- Many other Mac peripherals
- Laser printers for Mac and PC
- VideoGuide spinoff company
 - early set-top box
 with on-screen channel guide



ALL OVER! Right?



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Ms. Pac-Man/ Galaga – Class Of 1981

20th anniversary arcade cabinet released by Namco in 2000



late 1980s–1990s: various Ms./Jr. Pac products licensed by Namco

June 2002: Curran sees 20th anniversary Ms. Pac-Man cabinet

July 18, 2002: Curran calls Kevin Hayes, president of Namco

July 19, 2002: Curran sends Hayes a letter and copy of October 29, 1981 agreement

August 7, 2002: Hayes sends what they believe is a GCC release document

September 4, 2002: Curran sends Hayes a copy of October 1983 agreement

SLOW PROGRESS 2002-2005

Memories from Doug Macrae

"Kevin was running GCC and I was running one of the three companies of TV Guide. We understood the terms of the agreement and knew that it was Namco's obligation under the agreement to be providing us with royalty reports and to be negotiating a reasonable royalty rate. Namco took many years to provide us with all of the missing contractual royalty reports and during this time, never made a serious offer on royalties."

"In 2005, I retired from TV Guide and had time to address the Namco issue. I began searching the internet and compiling a list of all of the Ms. Pac-Man products I could find that were being sold. My search started on eBay, Amazon, and different online stores. I also visited stores such as KB Toys, Best Buy, Target, and Wal-Mart. I read online game descriptions and reviews. After that, I began purchasing the games and started quite a collection."

October 12, 2005: Curran, Macrae, Hayes, and Yoshimoto meet in Chicago

Doug: "The meeting was quite frustrating in that Kevin Hayes really still had no intention of making any serious offer of royalties for the coin-op unit on which they were making roughly a \$1,000 gross profit. We were quite insulted when he stuck to his \$5 offer which we knew was roughly ½% of the overall profit on the unit. When confronted with this, Kevin Hayes said that the final profit was substantially lower because out of the gross profit, they had to pay \$300 per unit to Cosmodog, the company that had done the porting!"

October 12, 2005: Curran, Macrae, Hayes, and Yoshimoto meet in Chicago

October 21, 2005: Curran send Hayes letter demanding full accounting and payment

November 7, 2005: Hayes sends Curran letter

December 15, 2005: Curran sends Hayes letter

December 21, 2005: Hayes sends Curran letter

January 25, 2006: Hayes sends Curran letter with initial royalty report and check for \$518,931.29

February 28, 2006: Curran sends Hayes letter

March 14, 2006: Yoshimoto sends Curran letter. GCC deposits check.

- April 2006: GCC exercises audit rights under the Namco I agreement
- November 9, 2006: audit occurs
 - Namco withholds all information on games they feel no royalty is due

ARBITRATION

December 4, 2006

1 2 3 4 5 6 7	Allan Steyer (State Bar No. 100318) D. Scott Macrae (State Bar No. 104663) STEYER LOWENTHAL BOODROOKAS ALVAREZ & SMITH LLP One California Street, Third Floor San Francisco, California 94111 Telephone: (415) 421-3400 Facsimile: (415) 421-2234 Attorneys for Plaintiffs Kevin G. Curran, Douglas B. Macrae, John Tylko, Jr., and Gerald D. Hosier, the successors in interest of General Computer Corporation		DEC 0 4 2006 JAIVIS
8			
9		JAMS	
10			
11	KEVIN G. CURRAN, DOUGLAS B. MACRAE, JOHN TYLKO, JR., and)	
12			PLAINTIFFS' NOTICE OF CLAIM
13	Plaintiffs,)	
14	vs.))	
15	NAMCO-AMERICA, INC., a wholly-owned) 1)	
16	subsidiary of NAMCO BANDAI GAMES, INC., NAMCO-AMERICA, INC., NAMCO	Ć	
17	LIMITED and NAMCO BANDAI GAMES, INC.,		
18	Defendants.)	
19			
20			

ARBITRATION

One claim:
Breach of contract/Unpaid royalties

17	COUNT 1: BREACH OF CONTRACT/UNPAID ROYALTIES				
18	40.	Plaintiffs reallege and incorporate paragraphs 1-39 hereinabove.			
19	41.	All the conditions required for Namco's performance under the Namco Agreement			
20	have been met.				
21	42.	Namco has breached and failed to perform its obligations under the contracts by acts			
22	and omissions, including those set forth above.				
23	43.	Namco owes royalties to GCC which Namco has failed to pay.			
24	44.	By reason of Namco's breach of the Namco Agreement and failure to pay royalties,			
25	Plaintiffs have suffered damages in an amount to be proven according to the evidence.				
26					
27	WHEREFORE PLAINTIFFS PRAY FOR:				
28	Compensatory damages according to proof;				
		9			
	PLAINTIFFS' NOTICE OF CLAIM S:\General Computer\Plaintiffs' Notice of Claim 12-04-06.wpd				

- 2. Prejudgment interest;
 - 3. Attorneys fees and costs;
- 4. The setting of a reasonable royalty rate for sales and licenses by Namco where the contract fails to specify a royalty rate;
 - 5. Specific performance and other appropriate equitable relief; and
 - 6. Such further relief as the arbitrator deems appropriate under the circumstances.

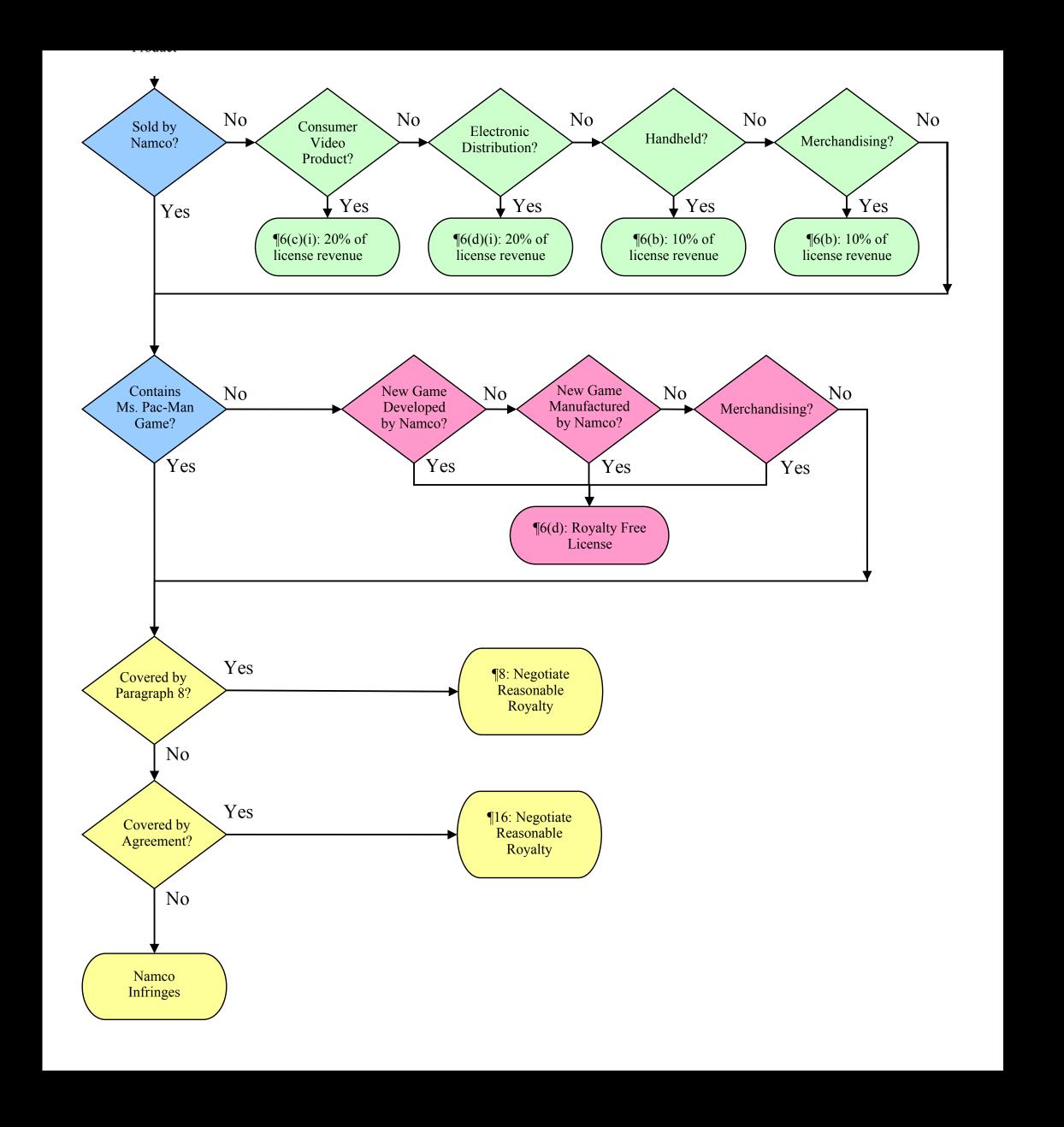
Types of Products In Dispute

- Non Ms. Pac-Man Games with Ms. Pac-Man characters
- Ms. Pac-Man Consumer Video Products
- Ms. Pac-Man Handheld Products
- Ms. Pac-Man Electronic Distribution Products
- Ms. Pac-Man Coin-op Games
- Ms. Pac-Man Character Merchandising

Namco	#	Picture	Product	Platform	Year	Publisher	Application Engineering	Manufacturer	Party reporting royalties to GCC	Royalty rate	Talking points
Midway	1		Ms. Pac-Man	Arcade	1981	Midway	GCC	Midway	Midway	1981 Agreement set rate at \$75.00; 1983 Agreement raised rate to \$136.17	This is where it all started. GCC licensed Ms. Pac-Man to Midway for arcade and licensing. Midway reaches contemporaneous agreement with Namco allowing Midway to sell this derrivative work, Ms. Pacman.
Atari	2	MS. PAC-MAN	Ms. Pac-Man	2600	1982	Atari	GCC		Atari	\$1.75	Following the arcade success (#1 all time), GCC licensed Ms. Pac-Man to Atari for the home market. Atari reaches contemporaneous agreement with Namco allowing Atari to sell this derrivative work, Ms. Pacman.
Coleco	3		Ms. Pac-Man	Handheld	1982	Coleco	Coleco	Coleco	Midway	20% of royalties received by Midway	Midway signs agreement with Coleco as Ms. Pacman license sharing 20% with GCC.
Midway	4	PAC VAN	Baby Pac-Man	Arcade	1982	Midway	Midway	Midway	Midway	In 1983 Agreement, a royalty-free license was granted for the use of the Ms. Pac-Man and decendent character in new games.	In 1982, Midway and GCC both design follow-on games taking advantage of the Pac couple
Midway			Mr. & Mrs. Pac-Man	Arcade		Midway	Midway	Midway	Midway	In 1983 Agreement, a royalty-free license was granted for the use of the Ms. Pac-Man and decendent character in new games.	and the baby that they had during the intermission of Ms. Pac-Man. A dispute develops on the use of the Ms. Pac-Man character and decendents in new games developed by Midway and Namco. GCC gives a royalty-free license for use of the characters in new games developed by Midway or Namco, establishes a royalty for Jr. Pac-Man which GCC created, and
		THE PARTY NAMED IN									got agreement to a higher royalty rate for Ms. Pac-Man

COMPLICATED RIGHTS

"...the contracts are, in material respects, badly written."



ARBITRATION TIMELINE

2007-2008

- July 2, 2007: opening briefs
- July 9: reply briefs
- Hearings held August 29, 30 and 31, September 10 and 17, October 8
 - Plaintiffs live testimony from Kevin Curran. Gerald Hosier and Douglas Macrae
 - Namco live testimony from Kenji Hisatsune, Maurice Molyneaux and Brian Schorr
- October 8: closing arguments
- January 21, 2008: Final First Stage Award
- November 10, 2008: Final Second Stage Award (Damages)

KENJI HISATSUNE

President, CEO and COO Namco Networks America, Inc.

August 31, 2007

- Q. On these types of agreements that we've been
- 19 discussing, how much revenue has Namco received?
- A. Overall or a particular product?
- Q. Overall. Yes, overall.
- A. 60-plus million.
- Q. 60-plus. And that's in about two years?
- A. Three, almost four years.
- Q. Okay. And in a lot of those instances,
- 1 Ms. Pac-Man has been one of the games that the cell phone
- 2 carriers can use; correct?
- A. Ms. Pac-Man is one of our game.
- 4 Q. And how much revenue has come from
- 5 Ms. Pac-Man? Is it correct that it's over \$20 million
- 6 during this time period?
- A. I would think so.
- Q. What's your best estimate as to the precise
- 9 amount as of today?
- 10 A. 20, maybe 22.
- 11 Q. Okay. 20, \$22 million. So that's almost --
- 12 that's over a third of the revenue from the cell phone
- 13 line of business for Namco; correct?
- 14 A. Yes.

FINAL SECOND STAGE AWARD (DAMAGES) November 10, 2008

VI. Conclusion

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In conclusion the Arbitrator finds as follows:

1. The reasonably royalty rate for qualifying coin-op games sold by Namco under Paragraph 8 of the October 14, 1983 Agreement is \$78.30 per game.

- 2. NC coin-op games that are manufactured so that they cannot be readily modified to accept a coin or other insertable object are not subject to royalties under Paragraph 1, above. Coin-op games that are manufactured so that the coin-op feature is present but can be disabled or blocked qualify as royalty bearing coin-op games. This includes games that were manufactured without the actual coin-op mechanism in them, but which can be fitted with the mechanism in the space otherwise provided for it.
- 3. Namco is not allowed to prorate royalties on Ms. Pac-Man games. It will pay General a full royalty of \$78.30 for every coin-op game sold or licensed by it, regardless of how many other games are included within the gaming unit or console.
- 4. Namco will pay General 7% interest on all liquidated damages owed under this Award and under the Stipulated Agreement and Order effective August 1, 2008, except that no interest will accrue during the period from November 1, 2002 through July 31, 2005, and no interest will be due on electronic distribution royalties due during the first two quarters of 2008.
- 5. Namco will pay General 7% interest on all unliquidated damages owed under this Award, and those damages will collect interest from December 4, 2006, or from the date of sale of the game, if it is later than December 4, 2006.
- 6. General is the prevailing party under this Award for purposes of awarding a reasonable attorneys' fee.

SO ORDERED:

November 10, 2008

Hon. James L. Warren (Ret.)

Arbitrator

2008 AND BEYOND...

- Big payment to cover past royalties
- Then significant royalties for a few more years
- Then royalty stream tapers off to zero...
- Are there really no more Ms. Pac-Man products? Why?

ALL OVER!

Right?



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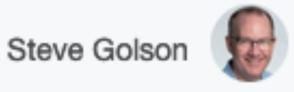
AROUND 2015 OR SO...

KEVIN CURRAN GETS A PHONE CALL

PK CONTACTS ME June 2019

Most of this info became public in various lawsuits, so I'm not giving away secrets...

Linkedin



Hi Steve, My company makes Atari Flashback and other retro products. Would like to get in touch with you. -PK



Ping-Kang Hsiung
CEO at AtGames Holdings
Greater Los Angeles Area

View profile

Accept

PK CONTACTS ME

June 2019

Hi Steve,

Thank you for accepting my invite to connect. ...

I am contacting to explore licensing Ms. Pac-Man directly from IP owner(s). ...

We have been in discussion with Bandai Namco for a few years Ms. Pac-Man licensing and the significant revenue opportunities. ...

I would love to know your initial thought. We are LA-based and I would be happy to hop on a call to introduce ourselves followed by a face-to-face meeting I come to you.

Warm regards,

-PK

Who Is This Guy? July 2019

Hi Doug & Kevin,

I recently got an email query from P K Hsiung from AtGames

He's interested in licensing Ms. Pac-Man for their products. At first I thought maybe he's a flake, but the more I hear from him, he seems like the real deal. And his comments about Bandai Namco are... interesting...

I'll forward you the email chain. Right now he plans to be in the Boston area the week of July 22 and wants to meet with me. I haven't mentioned to him that he really needs to talk to you two. I've been playing dumb until I learned more.

Let me know how you'd like to proceed. I'm happy to introduce you to him, and let you two handle it.

Stand by for interesting emails.

-Steve

LUNCH July 22, 2019

- PK Hsiung, AtGames
- Kevin Curran
- Steve Golson

DOUG IS SKEPTICAL July 24, 2019

Attached is a spreadsheet which lays out the numbers that I was using on the phone.

Take a look at it and tell me where I am wrong. It assume 4M units, half at \$20 retail, half at \$40 retail. It assume 8% of wholesale is paid as a royalty to Namco. I think that this would only apply if the 4M units are Ms. Pac-Man only. If he is looking to bundle, there is no way he will pay 8% for Ms. Pac-man.

In any case, it nets us \$1M

So I will go back to:

- 1) PK is overpaying because of externalities (e.g. female market, his favorite game, STEM teaching)
- 2) Namco is overpaying because of externalities (e.g. they have overhyped the 40th anniversary internally, they hate the idea that they don't own it)

NEGOTIATIONS

Kevin does an awesome job

- PK makes an offer for all GCC royalty interest in Ms. Pac-Man
- Namco makes a big offer
- PK makes a really big offer
- Deal! GCC royalty stream sold to AtGames

ATGAMES PRESS RELEASE September 26, 2019

AtGames® Acquires Ms. PAC-MAN-related Rights

NEWS PROVIDED BY

AtGames Cloud Holdings Ltd. →
Sep 26, 2019, 08:00 ET

LOS ANGELES, Sept. 26, 2019 /PRNewswire/ - AtGames® Cloud Holdings Ltd., a leader in interactive entertainment products, today announced that it has acquired all the rights of General Computer Corporation (GCC) with respect to Ms. PAC-MAN under agreements between GCC and Bandai Namco.

In 1981, GCC developed certain source code, characters, music, game play and cartoons expressed in various media including but not limited to read-only memory (ROM) used in running the Ms. PAC-MAN and PAC-BABY (sold as JR. PAC-MAN) games. In 1983, GCC entered into an agreement with the predecessor of Bandai Namco with regard to Ms. PAC-MAN, which was later amended in 2008 in an agreement between Bandai Namco and the former shareholders of GCC, who had become the successors-in-interest to GCC after its dissolution.

"As part of our ongoing initiative to be caretakers of important cultural touchstones, we are privileged to gain these valuable rights pertaining to the iconic Ms. PAC-MAN arcade game," says Dr. Ping-Kang Hsiung, CEO of AtGames.

About AtGames:

AtGames Cloud Holdings Ltd. (http://www.atgames.net) is a leader in innovative consumer-oriented interactive entertainment products. The company leverages the latest technology to develop and publish its best-selling classic video game products for worldwide distribution.

SOURCE AtGames Cloud Holdings Ltd.

ALL OVER! Right?



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NAMCO IS UPSET WITH GCC WE EXPECT LITIGATION...

BNEA vs. ATGAMES September 20, 2019

9 10	799 9th Street NW Washington, DC 20001-4501 Tel: (202) 585-8000 Fax: (202) 585-8080						
11	Attorneys for Plaintiff BANDAI NAMCO Entertainment America Inc.						
12							
13	UNITED STATES DISTRICT COURT						
14	NORTHERN DISTRICT OF CALIFORNIA						
15	SAN JOSE DIVISION						
16							
17	BANDAI NAMCO ENTERTAINMENT AMERICA INC.,	Case No.:					
18	Plaintiff,	COMPLAINT FOR:					
19	vs.	1. Trademark Infringement under the Lanham Act (15 U.S.C. § 1114(1)(a));					
20	ATGAMES HOLDINGS, LTD.; and DOES 1	2. Counterfeiting under the Lanham Act (15 U.S.C. § 1114(1)(a) and § 1116(d));					
21	through 50,						
22	Defendants.	3. Copyright Infringement under the Copyright Act (17 U.S.C. § 501(a));					
23		4. Unfair Competition and False					
24		Designation of Origin under the Lanham Act (15 U.S.C.					
25		§ 1125(a)(1)(A));					
26		5. False Advertising under the Lanham Act (15 U.S.C. § 1125(a)(1)(B));					
27		6. California Unfair Competition (Cal.					
28		Bus. & Prof. Code §§ 17200 et seq.);					
	-1-						
	COMPLAINT						

BNEA vs. ATGAMES September 20, 2019

24. In August 2018, BANDAI NAMCO and the successors in interest to GCC (Kevin Curran, Douglas B. Macrae, Gerald D. Hosier and John Tylko, Jr., collectively, the "GCC Successors") began negotiating an arrangement to finally resolve their relationship created under the 1983 Agreement and subsequent agreement entered into in or around 2008 (collectively, the "GCC Agreements") with respect to Ms. PAC-MAN.

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- 25. Over the course of a year, until late August 2019, BANDAI NAMCO and the GCC Successors continued to engage in active discussions relating to the GCC Agreements and Ms. PAC-MAN. In late August 2019, the relevant parties were close to reaching an agreement as to terms and a formal written agreement was circulated and signed by most if not all of the GCC Successors.
- 26. As a result of AtGames' conduct (as set forth infra), the negotiated agreement between BANDAI NAMCO and the GCC Successors to fully and finally resolve the issues addressed in the GCC Agreements, and the terms the parties had already agreed to, was not consummated.

ALL OVER! Right?



KEVIN CURRAN



Doug Macrae



JOHN TYLKO



JERRY HOSIER



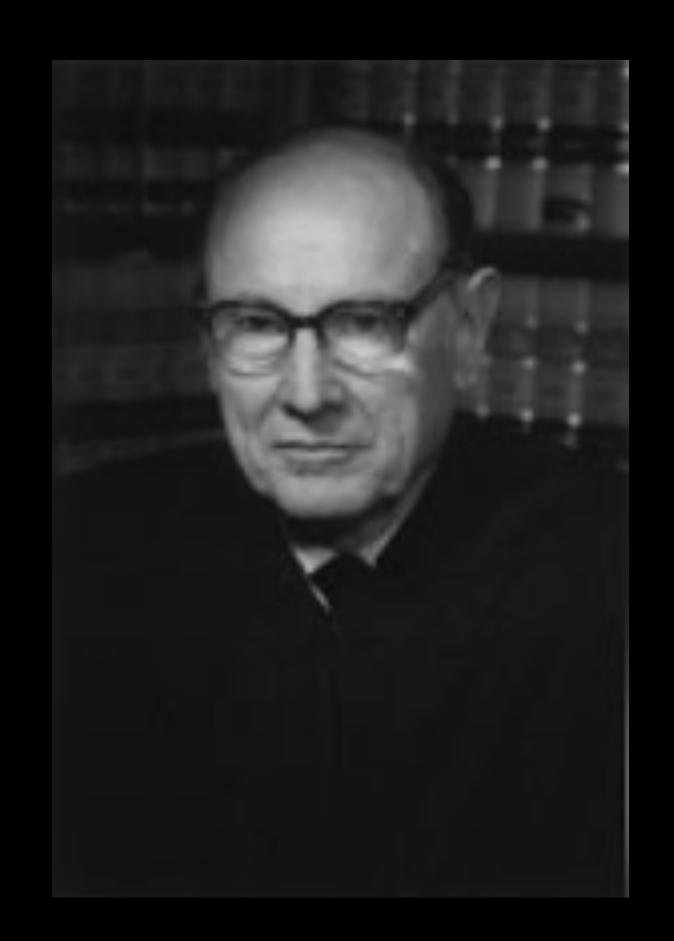
Steve Golson



ROBERT E. KEETON

Lotus Dev. Corp. v. Paperback Software Int'l, 740 F. Supp. 37 (D. Mass. 1990)

Lotus Dev. Corp. v. Borland Int'l, Inc., 516 U.S. 233 (1996)



MANY THANKS TO

Kevin Curran Scott Macrae

Doug Macrae Chris Rode

Jerry Hosier Terry Golson

Mike Horowitz

Warren Zevon

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